PTO/SB/08A (10-01)

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Complete if Known Substitute for form 1449A/PTO 12/650883 **Application Number** INFORMATION DISCLOSURE 6128/03 Filing Date First Named Inventor Mark G. Schrom STATEMENT BY APPLICANT Art Unit (use as many sheets as necessary) -CNATES Examiner Name Attorney Docket Number 02-064D (ANSI01-00066) of 1 Sheet

			U.S. PATI	ENT DOCUMENTS	
Examiner Initials		Document Number Number - Kind Code ² (if known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
OM_	AA	us- 4,590,950	05/27/1986	lwaszkiewicz et al	
019	AB	us- 4,764,324	08/16/1988	Burnham	
OVA	AC	us- 4,848,352	07/18/1989	Pohndorf et al	
CVA	AD	us- 4,890,623	01/02/1990	Cook et al	
2/9	AE	us- 5,016,646	05/21/1991	Gotthardt et al	
017	AF	us- 5,040,544	08/20/1991	Lessar et al	
dre	AG	us- 5,118,400	06/02/1992	Wollam	
ca	AH	us- 5,178,957	01/12/1993	Kolpe et al	
da	ΑI	us- 5,324,322	06/28/1994	Grill, Jr. et al	
que	Ą	US- 5,433,742	07/18/1995	Willis	
04	AK	us- 5,582,609	12/10/1996	Swanson et al	
Cha	AL	US- 5,712,462	01/27/1998	Berkowitz et al	
Cha	AM	us- 5,788,692	08/04/1998	Campbell et al	
Ua	AN	us- 6,208,881	03/27/2001	Champeau .	
		US-			

	FOREIGN PATENT DOCUMENTS					
Examiner Initials		Foreign Patent Document Country Code 3 - Number 4 - Kind Code 1 (# Incom)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	ΤG

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Substitute for form 1449/PTO	Complete if Known		
	Application Number	10/650,883	
	Filino Date	August 28, 2003	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

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Application Number	10/650,883
Filing Date	August 28, 2003
First Named Inventor	Mark G. Schrom
Art Unit	3762 3729
Examiner Name	(Net Yet Assigned) Cut /Are
Attorney Docket Number	02-064D (ANSI01-00066)

U. S. PATENT DOCUMENTS Examiner Publication Date Name of Patentee or Pages, Columns, Lines, Where **Document Number** MM-DD-YYYY Relevant Passages or Relevant Initiats* No. Applicant of Cited Document Number-Kind Code² (F known) Figures Appear US- 5,374,285 12/20/1994 Vaiani et al US-US-US US-UŞ-US-US-US-ŪS-US. US-US-US-US-US-US-US-US-

	FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
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Sheet 1

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Complete if Known

Application Number 10/650,883

Filing Date 08/28/2003

First Named Inventor Mark G. Schrom

Art Unit 3762 3729

Examiner Name Not Yet Assigned C, T. Arts.

Attomey Docket Number 02-064D (ANSI01-00066)

U. S. PATENT DOCUMENTS Name of Patentae or Pages, Columns, Lines, Where Examiner Publication Date Cite **Document Number** MM-DD-YYYY Applicant of Cited Document Relevant Passages or Relevant Figures Appear Number-Kind Code² (F brown) US- 4,280,511 07/28/1981 O'Neill AA ^{US-} 4,355,646 AB 10/26/1982 Kallok et al. US-4,381,014 AC 04/26/1983 Sandstrom et al. US-4,432,377 AD 02/21/1984 Dickhudt US- 4.437,474 ΑE 03/20/1984 Peers-Trevarton ^{US-} 4,559,951 12/24/1985 AF Dahl et al. AG US- 4,566,467 01/28/1986 DeHaan US-4,592,372 06/03/1986 Beranek AH ΑI US-4.614.395 09/30/1986 Peers-Trevarton US-4,706,682 ΑJ 11/17/1987 Stypulkowski et al. US- 4,944,088 AK 07/31/1990 Doan et al. ^{US-} 5,251,643 10/12/1993 AL Osypka US- 5,417,208 05/23/1995 AM Winkler US- 5,431,681 07/11/1995 Helland AN US-5,458,629 AO 10/17/1995 Baudino et al. US- 5,609,622 03/11/1997 AP Soukup et al. US- 5.796,044 AQ Cobian et al. 08/18/1998 AR ^{US-} Re. 35,924 Winkler 10/13/1998 ^{US-} 6,151,520 AS 11/21/2000 Combs

	FOREIGN PATENT DOCUMENTS					
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Filing Date August 28, 2003 First Named Inventor Mark G. Schrom Art Unit 3762 3729 Examiner Name Not You Assigned C. J. Ar Les Attorney Docket Number 02-064D

Sheet 2 of 2 U. S. PATENT DOCUMENTS Pages, Columns, Lines, Where Relevant Passages or Relevant Name of Patentee or **Document Number** Initiale MM-DD-YYYY **Applicant of Cited Document** Number-Kind Code^{2 (f trous)} Figures Appear US- 6,253,111 BA 06/26/2001 Camer US- 6,324,415 BB 11/27/2001 Spehr et al. US. US. USus-US ÜS-US-USus-USus. US-US-US-IR US us.

FOREIGN PATENT DOCUMENTS						
· Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	П
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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Complete if Known		
Application Number	10/650,883	
Filing Date	August 28, 2003	
First Named Inventor	Mark G. Schrom	
Art Unit	3762 3729	
Examiner Name	(Not Yet Assigned) C. J. Arber	
Attorney Docket Number	02-064D (ANSI01-00066)	

U. S. PATENT DOCUMENTS Pages, Columns, Lines, Where Publication Date Name of Patentee or Cite No.1 **Document Number** Examiner Relevant Passages or Relevant MM-DD-YYYY Applicant of Cited Document Initiats' Figures Appear Number-Kind Code² (F trous) ^{US-} 4,934,049 06/19/1990 Klekhafer et al AA ^{US-} 5,762,631 06/09/1998 Klein AB US-US-US-US-US-115 US-US-US-USus. US-US-UŞ-US-ÜS. US-

FOREIGN PATENT DOCUMENTS						
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Sheet 1

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Application Number	10/650,883		
Filing Date	August 28, 2003		
First Named Inventor	Mark G. Schrom		
Art Unit	3782 3729		
Examiner Name	Not Yet Assigned Catt Arbes		
Attorney Docket Number	02-064D (ANSI01-00066)		

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ON	AA	US- 4,444,195	04/24/1984	Gold		
妆	AB	US- 5,928,277	07/27/1999	Laske et al.		
YA	AC	^{US-} 6,018,684	01/25/2000	Bartig et al.		
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